

Figure 1

5 Data from Affymetrix human U133 arrays show that IKK α _3 siRNA (compared to the IKK α _3_inverted control siRNA oligos) specifically inhibited the mRNA expression of IKK α but had no effect on IKK β mRNA expression.

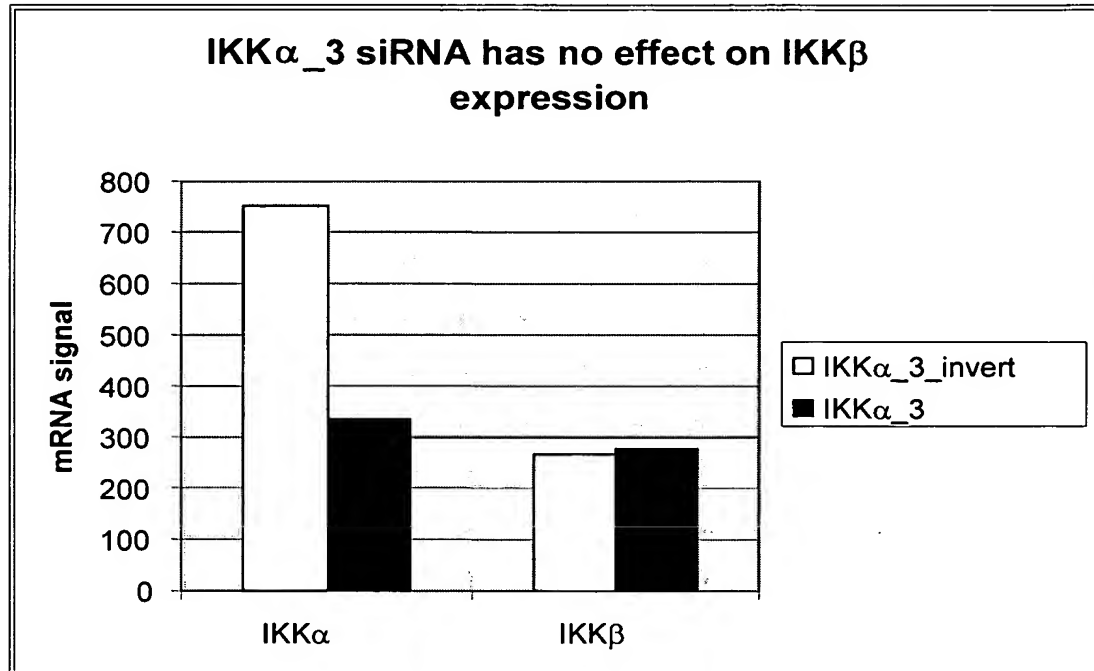


Figure 2

5 SiRNA of IKK α inhibits IKK α , IL-6 and IL-8 expression in HeLa cells. HeLa cells were transfected with IKK α _3 siRNA or IKK α _3ivt (sequence inverted control oligos of IKK α _3), then induced with or without TNF α . IKK α , IL-6 and IL-8 mRNA copy numbers were determined by TaqMan.

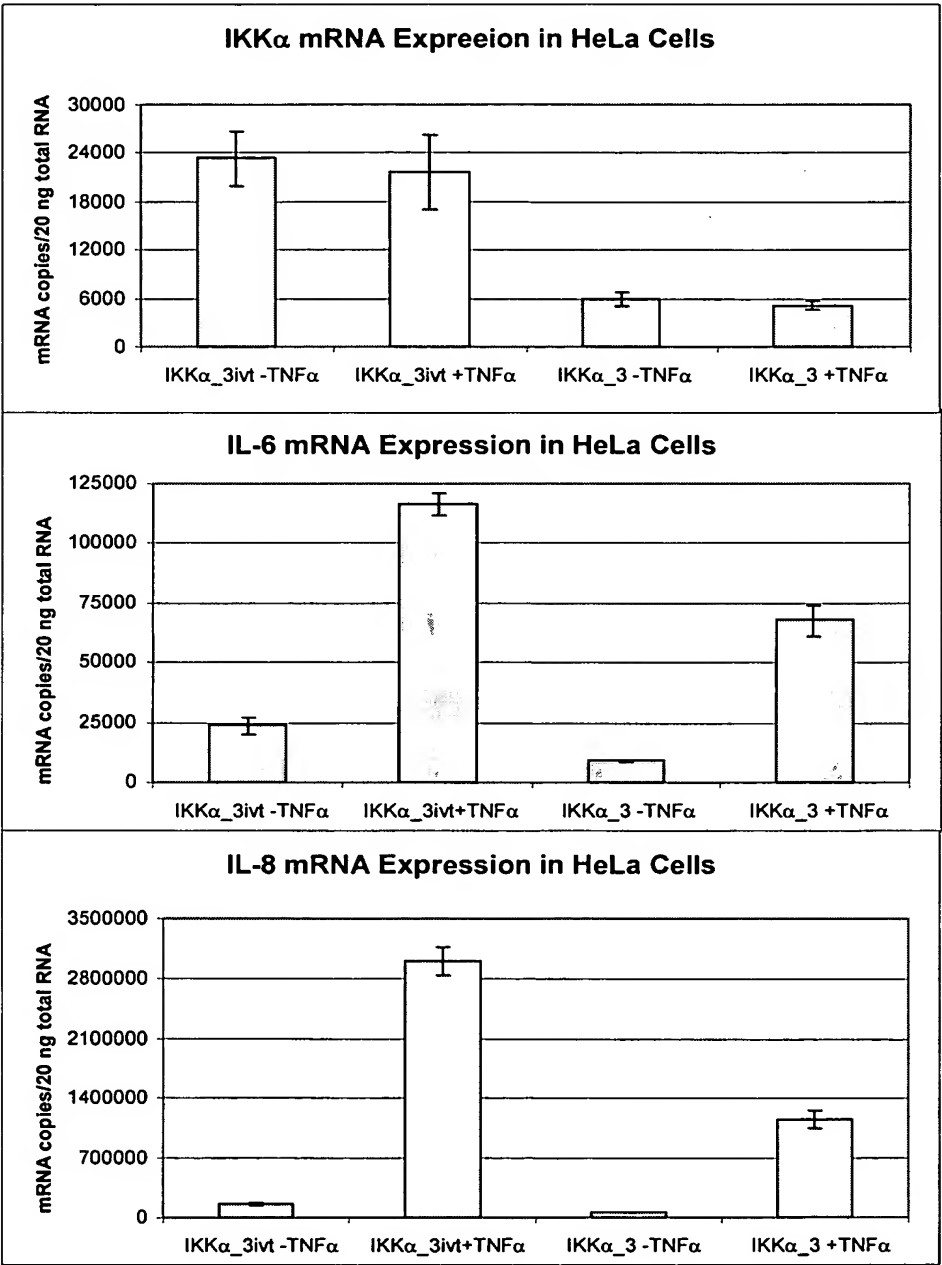


Figure 3

IKK α _3 siRNA inhibited TNF α -induced NF- κ B activity in HeLa cells. HeLa cells (stably transfected with NF- κ B-Luciferase reporter) were transfected with siRNAs for 2 days. Cells were then stimulated with TNF α (10 ng/ml) for 24 hr and the luciferase activity was measured. IKK α _3 siRNA inhibited NF- κ B-dependent luciferase activity in respond to TNF α .

